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July 2, 2008

Ms. Verneta Simon, On-Scene Coordinator
Mr. Eugene Jablonski, On-Scene Coordinator
US Environmental Protection Agency – Region 5
77 W. Jackson Blvd., SE-5J
Chicago, Illinois 60604-3590

RE: Monthly Progress report for 319 E. Illinois Street (now known as 465 N. Park Street), Chicago, Illinois - STS Project No. 200702169

Dear Coordinators:

STS is providing a monthly progress report for gamma surveying activities at the above referenced site. The progress report is being provided in accordance with the United States Environmental Protection Agency (USEPA) request and the approved Work Plan¹. The following paragraphs describe recent actions in June as well as activities planned for July 2008.

Progress During June 2008 (May 27- June 27)

1. In June of 2007, environmental soil borings and soil sampling were performed to survey for lead contamination. Two of the original 41 samples collected and analyzed exceeded the TCLP limit of 5 mg/L for lead. On May 1, 2008 four samples were collected surrounding each of the two borings E9 and E25 (eight samples total) to refine the extent lead contamination (refer to Figure 1). The delineation samples were collected approximately 5-feet horizontally from the original sample location at a similar depth. The TCLP results for lead for the eight samples ranged from 0.034 to 0.53 mg/L (all less than the TCLP limit of 5 mg/L). Therefore, the elevated lead results appear to be restricted to two very limited areas at the site. On May 28, E25 was excavated and the lead impacted material was loaded into a container for proper disposal. At a depth of 10-feet a base of excavation sample was taken to verify the removal of the lead impacted soil. On May 29, E9 was excavated in the same fashion. The base of excavation samples confirmed that the removal of the lead impacted soils was complete (i.e. TCLP results of 1.5 mg/L at E25 and 0.176 mg/L at E9). Additionally, radiological screening was conducted during the lead excavation did not indicate gamma readings indicative of the presence of radiologically-impacted material.
2. Potholing for caissons continued through the month. Screening was performed throughout the process in accordance with the Work Plan. Areas were screened in 18-inch lifts for the first 4 feet, while the spoils were screened in the bucket and at the surface for the remainder of the excavation. Maximum gamma results are provided (Table 1) for potholing locations completed over the past month. Groundwater was encountered at approximately 10-12 feet. Native sands were encountered typically at about 8-10 feet. After the caisson locations were cleared to a depth of 14 feet, the hole was backfilled. Several caisson locations were revisited to remove obstructions. Once the obstructions were removed (if possible), soils were screened below. Typically, native soils were encountered below concrete slabs.

Planned Activities for July 2008

1. Activities for the week of June 30, 2008
 - Caisson potholing will continue along with gamma surveying.
 - Removal of sheet piling and timbers along former arm of slip will begin and is expected to be completed this week.

¹ STS (revised January 4, 2008) Work Plan for Investigation and Potential Removal of Radiologically Impacted Soil on 319 E. Illinois (now known as 465 N. Park Street), Chicago, Illinois. Approved by the USEPA in a letter dated April 24, 2008.

2. Activities for the week of July 7, 2008

- Excavation of the large mat foundation in the center of the site may begin. Excavations depths may reach approximately 10-12 feet. Gamma surveying will be performed throughout the excavation process.
- Caisson potholing may occur, but will be dependent on mat foundation excavation activities.

3. Activities for the week of July 14, 2008

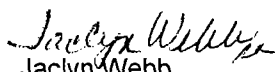
- Caisson potholing will continue along with gamma surveying.

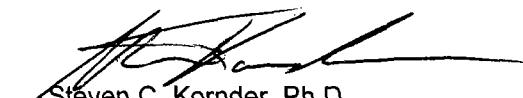
4. Activities for the week of July 21, 2008

- Expecting to complete caisson potholing and associated screening.

If gamma readings indicative of radiologically-impacted soil are discovered the area will be designated as an exclusion zone and the USEPA will be notified of its presence along with a schedule and/or plan to handle the material. Monthly reports will be submitted to the USEPA until approval of the closure report; unless an alternate schedule is otherwise approved by the USEPA. If there are any questions regarding this report or the planned activities, please contact us at (847) 279-2500.

Regards,


Jaclyn Webb
Project Scientist


Steven C. Kornder, Ph.D.
Senior Project Geochemist

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Attachments: Table and Site Plan

cc: M. Fulghum, USEPA
G. Jablonowski, USEPA
T. Scacco, Hanover
M. Krippel, Tronox

C. Martwick, USEPA
M. Woods, Hanover
G. Pouncey Jr., MMMLaw

Table 1
Maximum Gamma Counts for Caisson Potholing
465 N. Park Drive
(May 23 - June 27, 2008)

Caisson Location	Ludlum Meter	Max Readings (cpm)	Native (ft)
47	2	9,400	>14'
68	2	13,200	OB
69	2	13,100	10'
70	2	11,700	12'
67	2	8,700	>14'
71	2	10,700	12'
72	2	9,900	OB
39	2	9,900	>14'
7	2	8,600	4'
6	2	19,800	5'
5	2	9,900	6'
9	2	9,900	4'
8	2	10,800	4'
3	2	12,700	7'
10	2	11,200	12'
23	2	11,300	>14'
38	2	12,600	12'
29	2	11,500	4'
2	2	12,200	9'
4	2	11,800	4'
1	2	11,400	12'
12	2	12,200	12'
17	2	13,000	7'
26	2	10,100	12'
61	2	12,700	12'
27	2	11,200	5'
18	2	11,400	6'
13	2	11,700	8'
E9*	2	12,800	>10'
E25*	2	13,100	>10'

Notes:

1 - Ludlum meter #172039 threshold equivalent to 7.1 pCi/g is 19,017 cpm.

2 - Ludlum meter #176944 threshold equivalent to 7.1 pCi/g is 18,703 cpm.

* - Excavation of lead impacted soils

Site background 7,800 cpm (Ludlum meter #172039).

Urban fill/soil typically found above native soil throughout site.

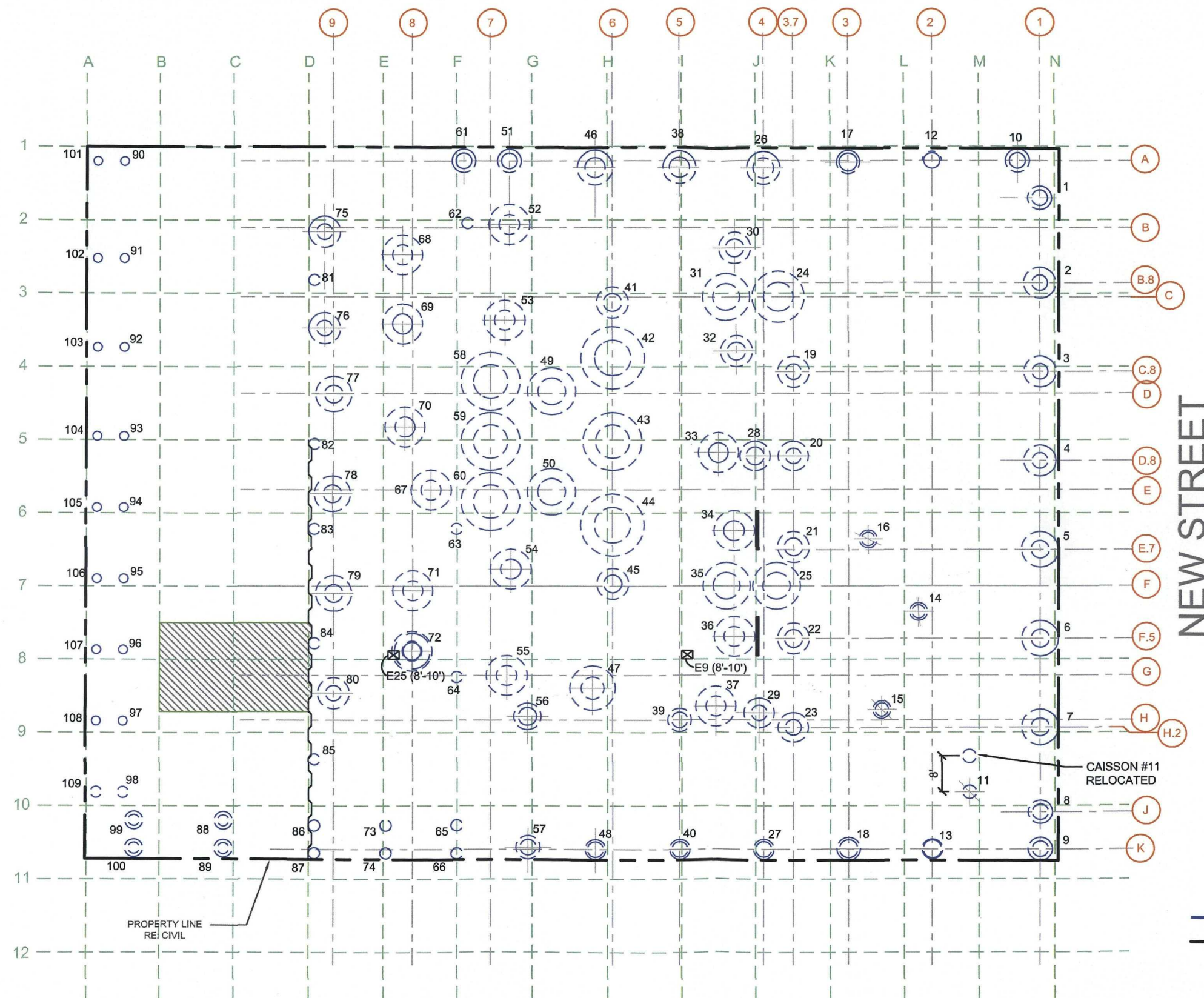
Groundwater encountered in arm of slip approx 10-12'

OB - obstructed

x:\PROJECTS\200702169\DWG\G200702169_CAISSON.fig: 5/30/2008 11:40:16 AM: MCCAULEY, JACQUELINE: STS:atb

N. PARK DRIVE

ILLINOIS STREET



NEW STREET

STS AECOM

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FIGURE 1 - SITE PLAN SHOWING LOCATIONS OF RADIOLOGICAL GRID SYSTEM WITH THE PROPOSED CAISSON NETWORK

465 N. PARK DRIVE

Drawn: JGM 04/30/2008

Checked: DEF 04/30/2008

Approved: DMM 04/30/2008

PROJECT NUMBER 200702169

FIGURE NUMBER 1